

SEP 20 2006

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FACSIMILE COVER LETTER

To: Group Art Unit 1743
Firm: U.S. Patent and Trademark Office
Facsimile: 571-273-8300
From: Deborah L. Lu, Registration No. 50,940
Date: September 20, 2006
Re: Application No. 10/808,256
FLH Reference No. 674182-2013

Number of Pages: 9
(including cover page)


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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is a INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97 and 1.98 and LIST OF REFERENCES CITED BY APPLICANT for filing in connection with U.S. Application No. 10/808,256.

Sincerely,


Deborah L. Lu
Registration No. 50,940

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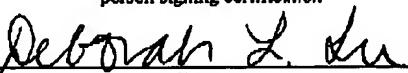
SEP 20 2006

PATENT
674182-2013**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s) : Mian et al.
Serial No. : 10/808,256
For : Devices and methods for using centripetal acceleration to drive
fluid movement in a microfluidics system
Filed : March 23, 2004
Examiner : Sines, Brian J
Group Art Unit : 1743
Confirmation No. : 4157

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Deborah L. Lu, Reg. No. 50,940Type or print name of
person signing certification
Signature

September 20, 2006

Date of Signature

745 Fifth Avenue
New York, NY 10151**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

The Examiner's attention is respectfully drawn to the enclosed documents listed on the accompanying PTO Form 1449. In accordance with C.F.R. § 1.98(d), no copy of those documents previously submitted to or cited by the U.S. Patent and Trademark Office in predecessor application U.S. Patent Application No. 09/989,582 filed November 20, 2000, of which this application is a divisional, is submitted herewith.

00199162.1)OC

PATENT
674182-2013

Pursuant to 37 CFR §1.97(b)(3), Applicants request the Examiner to consider this Information Disclosure Statement, and to make of record the documents cited on the accompanying PTO form 1449 and that a copy of Form PTO-1449 be initialed by the Examiner and returned to the undersigned.

The filing of this Information Disclosure Statement is not an admission that the documents identified herein constitute prior art to the present application.

It is believed that no fees are required by the instant submission as it is prior to receipt of the first Office Action on the merits. However, if any fees are required for this paper, or if any overpayment has been made, please charge Deposit Acct. No. 50-0320.

Respectfully submitted,
FROMMER LAWRENCE & HAUG LLP

By: Deborah L. Lu
Thomas J. Kowalski
Reg. No. 32,147
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00399162 DOC

Substitute for form 1449A/PTD		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application No.	101808, 256
		Filing Date:	March 23, 2004
		First Named Inventor	Milan et al.
		Group Art Unit	1743
		Examiner Name	Sines, Brian J.
		Attorney Docket No.	674182-2013
Sheet	1	of	6

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Figures Appear
		Number	Kind Code ² (if known)			
		4,729,862		Sataliello et al.	July 21, 1981	
		4,381,291		Ekins et al.	April 26, 1983	
		4,615,889		Klose et al.	May 7, 1985	
		4,678,952		Edelmann et al.	June 30, 1987	
		4,745,072		Ekins	May 17, 1988	
		5,160,702		Kopf-SM	November 3, 1982	
		5,171,695		Ekins	December 15, 1992	
		5,173,282		Burtis et al.	December 22, 1992	
		5,242,803		Burtis et al.	September 7, 1993	
		5,409,655		Burd	April 25, 1995	
		5,413,732		Buhl	May 9, 1995	
		5,432,009		Tabata	July 11, 1995	
		5,472,603		Schembri	December 5, 1995	
		5,008,749		White	April 8, 1991	
		5,252,294		Krey	October 12, 1993	
		5,304,487		Wiking	April 19, 1994	
		6,368,704		Madou	November 29, 1994	
		3,679,367		Nageramith	July 25, 1972	
		4,940,927		Kozlouskas et al.	July 10, 1990	
		4,515,889		Klose et al.	May 7, 1985	
		5,428,032		Phillips et al.	June 20, 1995	
		4,154,793		Gulgan	May 15, 1979	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 806. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English translation is attached.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application No.	10/808,256
				Filing Date:	March 23, 2004
				First Named Inventor	Mian et al.
				Group Art Unit	1743
				Examiner Name	Sines, Brian
Sheet	2	of	6	Attorney Docket No.	674182-2013

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Figures Appear
		Number	Kind Code ² (if known)			
		5,188,844		Burd	February 18, 1993	
		5,122,284		Brayn et al.	June 18, 1992	
		5,304,348		Burd et al.	April 19, 1994	
		5,457,053		Burd et al.	October 10, 1995	
		5,478,760		Berslein et al.	December 28, 1995	
		5,591,843		Schembri et al.	January 7, 1997	
		5,518,930		Burd et al.	May 21, 1998	
		5,472,603		Schembri et al.	December 5, 1997	
		5,893,233		Schembri	December 2, 1997	
		5,498,520		Kelton et al.	March 6, 1998	
		5,061,381		Burd	October 28, 1991	
		5,242,808		Brayn et al.	September 7, 1993	
		5,403,416		Schembri	April 4, 1995	
		5,173,183		Schembri	December 22, 1992	
		5,275,016		Chatterjee et al.	January 4, 1994	
		5,624,597		Buhl et al.	April 29, 1997	
		5,596,411		Schembri	February 4, 1997	
		5,838,428		Cottingham	June 17, 1997	
		6,319,489		Mian et al.	November 20, 2001	

Examiner Signature		Date Considered	
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*EXAMINER: Indicate if reference considered, whether or not citation is in conformance with MPEP 608. Draw one through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known		
				Application No.	101808,256	
				Filing Date	March 23 2004	
				First Named Inventor	Mlan et al.	
				Group Art Unit	1743	
Examiner Name	Shirley Brian J.					
Attorney Docket No.	674182-2013					
Sheet	3	of	6			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. 1	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines Where Relevant Passages or Figures Appear	T ²
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		WO	93/22053		Trustees of the University of PENN	11/11/83		
		WO	93/22058		Trustees of the University of PENN	11/11/83		
		EP	417,305	A1	Idemitsu Petrochemical Co. Ltd.	3/20/81		
		EP	616,218	A1	Hitachi, Ltd.	8/21/84		
		EP	308,210		Biotech, Inc.	12/8/83		
		EP	322,857		Miles Inc.	7/5/89		
		GER	4,410,224		Gleich Anmelde	9/28/85		
		EP	637,397	B1	ABAXIS, Inc.	12/10/97		
		WO	95/33988		ABAXIS, Inc.	12/14/95		

OTHER DOCUMENTS - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Anderson, "Analytical Techniques for Cell Fractions" (1968), Anal. Biochem., 28: 545-562	
		Aoki et al., "Electrochemical Response at Microarray Electrodes in Flowing Streams and Determination of Catecholamines", (1990), Anal. Chem., 62: 2206-2210	
		Arquint et al., "Micromachined Analyzers on a Silicon Chip", (September 1994), Clinical Chemistry, Vol. 40, No. 9, pp. 1805-1809.	

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Examiner Signature		Date Considered	
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Substitute for form 1449A/PTO		Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application No.	101808,256
		Filing Date:	March 23, 2004
		First Named Inventor	Uian et al.
		Group Art Unit	1743
		Examiner Name	Sines, Brian J.
		Attorney Docket No.	674182-2013
Sheet	4	of	6

OTHER DOCUMENTS - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	P ^o
		Bellantini et al., "Surface Acoustic Wave", (June 1988), Anal. Chem., 61/11: pp. 704-715.	
		Bertrand et al., "A One-Step Determination of Serum 5'-nucleotidase using a centrifugal Analyzer", (1982), Clinica Chimica Acta, 119: 275-284.	
		Blackburn et al., "Electrochemiluminescence Detection for Development of Immunoassays and DNA Probe Assays for Clinical Diagnostics", (1991), Clin. Chem., 37/9: 1534-1539.	
		Bor Fuh et al., "Isolation of Human Blood Cells, Platelets, and Plasma Proteins by Centrifugal SPLIT FRACTIONATION", (1995), Biotechnol. Prog., 11: 14-20.	
		Burtis et al., "Optimization and Analytical Application of the Technique of Dynamic Introduction of Liquids into Centrifugal Analyzers", (1974), Clin. Chem., 20: 932-941.	
		Burtis et al., "Development of a Multipurpose Optical System for Use with a Centrifugal Fast Analyzer", (1975), Clin. Chem., 21/9: 1225-1233.	
		Cho et al., "Development of a Multichannel Electrochemical Centrifugal Analyzer" (1982), Clin. Chem., 28/9: 1861-1865.	
		Collison et al., "Chemical Sensors for Bedside Monitoring of Critically Ill Patients" (April 1990), Anal. Chem., 62/7: pp. 425-437.	
		Columbus et al., "Architextured Fluid Management of Biological Liquids", (1987), Clin. Chem., 33/8: 1531-1537.	
		Dessy, "Waveguides as Chemical Sensors", (October 1989), Anal. Chem., 61/19: 1079-1094.	
		Ekins et al., "Multianalyte Microspot Immunoassay: The microanalytical 'compact disk' of the future", (1992), Ann. Biol. Clin., 50: 337-353.	
		Esashi et al., "Acoustic Bonding for Integrated Capacitive Sensors" (July 1992), Proc. Micro. Electro Mechanical Systems, 11: 43-48.	
		Foucault, "Counter-current Chromatography" (1991), Anal. Chem., 63:	

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* Unique citation designation number. * Applicant is to place a check mark here if English translation is attached.

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Examiner Signature		Date Considered	
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application No.	101 808, 256
		Filing Date:	March 23, 2004
		First Named Inventor	Milan et al.
		Group Art Unit	1743
		Examiner Name	Sines, Brian J.
Sheet	5	of	6
		Attorney Docket No.	674182-2013

OTHER DOCUMENTS - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No.	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	1
		Fritsche et al., "Enzymatic Endpoint Analysis of Glucose with the Hexokinase Method and the Union Carbide Fast Centrifugal Analyzer", (1975), Clin Biochem., 8: 240-246.	
		Glass et al., "Effect of Numerical aperture on signal level in cylindrical waveguide evanescent fluorosensors" (June 1987), Appl. Optics, 26/11: 2181-2187	
		Haab et al., "Single Molecule Fluorescence Burst Detection of DNA Fragments Separated by Capillary Electrophoresis" Anal. Chem., 1993, 67, 3253-3260.	
		HadjiIoannou et al., "Automated Enzymic Determination of Ethanol in Blood, Serum, and Urine with a Miniature Centrifugal Analyzer", (1976), Clin. Chem. 22/6:802-805.	
		Heheman, "Biosensors Based on Polymer Networks Formed by Gamma Irradiation Crosslinking", (1993), App. Biochem. Biotech., 41: 87-97.	
		Ikeda, "Surface Modification of Polymers for Medical Applications", (1994), Biomaterials, 15/10: 725-736.	
		Lamture et al., "Direct Detection of Nucleic Acid Hybridization on the Surface of a Charge Coupled Device", (1994), Nucleic Acids Res., 22/11: 2121-2125.	
		Lee et al., "Automated System for Fractionation of Blood Samples" (1978), Clin. Chem., 24/8: 1361-1365.	
		Linliu et al., "Development of a Centrifuge Ball Viscometer for Polymer Melts", (1994), Rev. Sci. Instrum., 65/12: 3823-3828.	
		Nakagawa et al., "A Micro Chemical Analyzing System Integrated on a Silicon Wafer", Proc. IEEE Workshop of Micro Electro Mechanical Systems, pp.89.	
		Poole et al., "Instrumental Thin-Layer Chromatography", (January 1994), Anal. Chem., 66/1: 27A-37A.	
		Reijenga et al., "Effect of Electroosmosis on Detection in Isotachopheresis" (1983), J. Chromatography, 260: 241-254.	

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Examiner Signature		Date Considered	
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Substitute for form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application No.	101808,256
		Filing Date:	March 23, 2004
		First Named Inventor	Mian et al.
		Group Art Unit	1743
		Examiner Name	Sines, Brian J.
		Attorney Docket No.	674182-2013
Sheet	6	of	6

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. †	Include name of author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal serial, symposium, catalog, etc.), date, page(s), volume-issu number(s), publisher, city and/or country where published	†
		Reno et al., "A Versatile Microdisc Module for a Centrifugal Analyzer" (1974), Clin. Chem., 20/8:855-860.	
		Rosenzweig et al., "Laser-Based Particle-Counting Microimmunoassay for the Analysis of Single Human Erythrocytes" (1994), Anal. Chem., 66: 1771-1776	
		Schembri et al., "Portable Simultaneous Multiple Analyte Whole-Blood Analyzer for Point-of-Care Testing" (1992), Clin. Chem., 38/9: 1665-1670	
		Shoji & Esashi, "Micro flow cell for blood gas analysis realizing very small sample volume" (1992), Sensors and Actuators, B8: 205-208.	
		Widling et al., "Manipulation and Flow of Biological Fluids in Straight Channels: Micromachined in Silicon" (1994), Automat. Analyt. Tech., 40: 43-47.	
		Widling et al., Manipulation and Flow of Biological Fluids in Straight Channels: Micromachined in Silicon (1994), Clin. Chem., 40/1: 43-47.	

Examiner Signature		Date Considered	
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